

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\Not reviewed data\
 Data File : VD073511.D
 Acq On : 09 Jun 2022 15:51
 Operator : VA/SY
 Sample : N3028-03
 Misc : 4.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 10 17:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

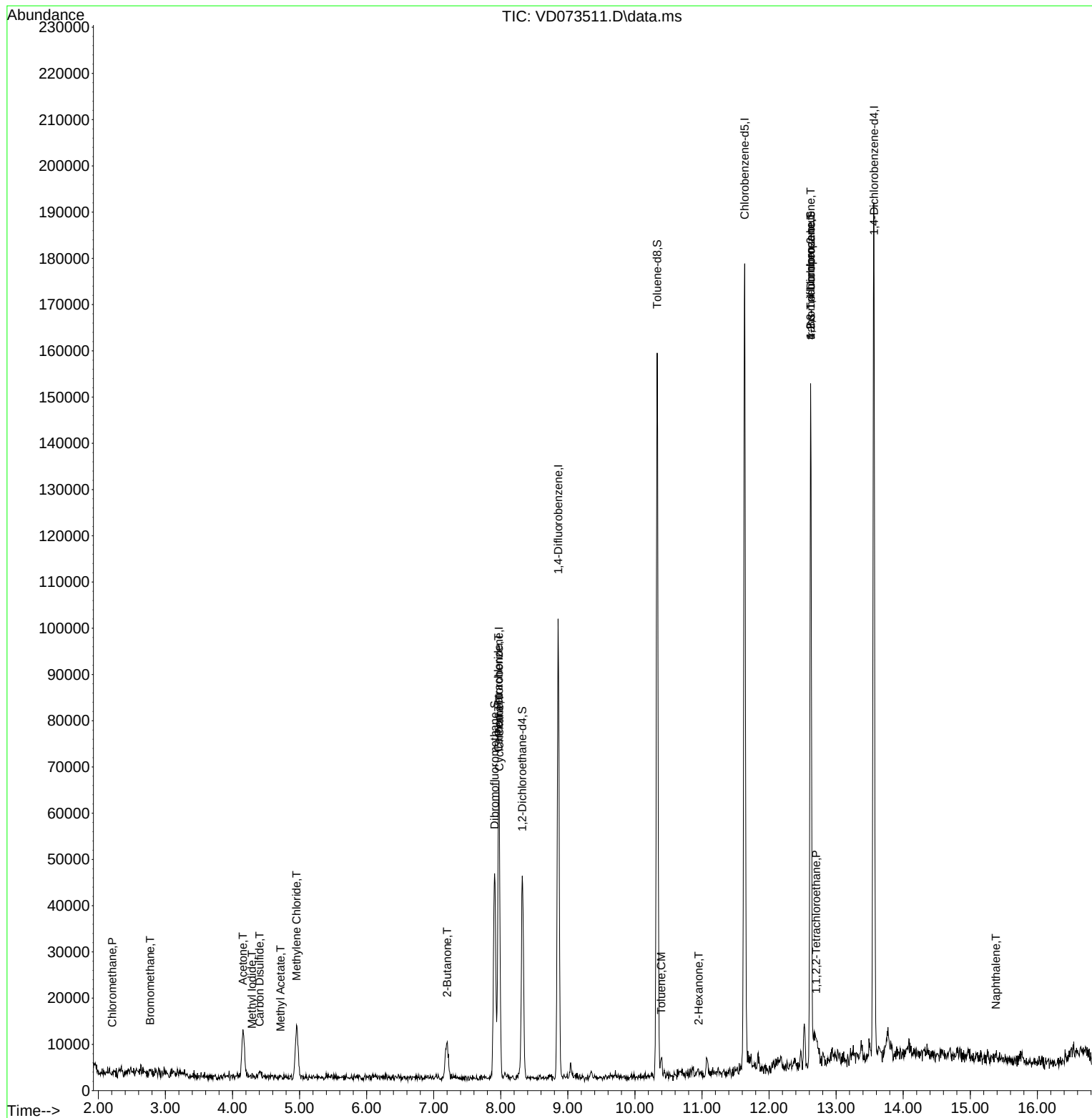
Internal Standards						
1) Pentafluorobenzene	7.973	168	46539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	82026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	101813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	35182	70.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.880%			
35) Dibromofluoromethane	7.908	113	33079	62.714	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.420%			
50) Toluene-d8	10.331	98	107952	54.131	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.260%			
62) 4-Bromofluorobenzene	12.620	95	48415	66.874	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 133.740%			
Target Compounds					Qvalue	
3) Chloromethane	2.208	50	728	1.599	ug/l #	85
5) Bromomethane	2.773	94	1189	3.886	ug/l #	54
10) Methyl Iodide	4.291	142	760	5.386	ug/l #	48
16) Acetone	4.155	43	19302	219.498	ug/l	92
17) Carbon Disulfide	4.402	76	2287	1.589	ug/l #	74
18) Methyl Acetate	4.714	43	54	1.581	ug/l #	55
20) Methylene Chloride	4.955	84	8561	13.128	ug/l #	68
25) 2-Butanone	7.202	43	4185	32.344	ug/l	93
31) Cyclohexane	7.979	56	1754	2.085	ug/l #	20
38) Carbon Tetrachloride	7.967	117	4868	5.874	ug/l #	13
52) Toluene	10.390	92	1773	1.200	ug/l	99
59) 2-Hexanone	10.949	43	1211	5.676	ug/l #	27
75) 1,1,2,2-Tetrachloroethane	12.702	83	729	1.111	ug/l #	25
76) 1,2,3-Trichloropropane	12.620	75	24290	50.157	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	24290	117.726	ug/l #	7
95) Naphthalene	15.384	128	623	4.521	ug/l #	61

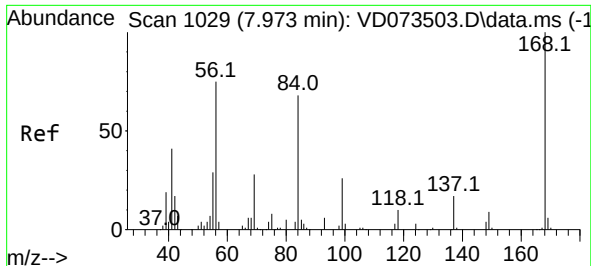
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\Not reviewed data\
Data File : VD073511.D
Acq On : 09 Jun 2022 15:51
Operator : VA/SY
Sample : N3028-03
Misc : 4.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 10 17:17:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

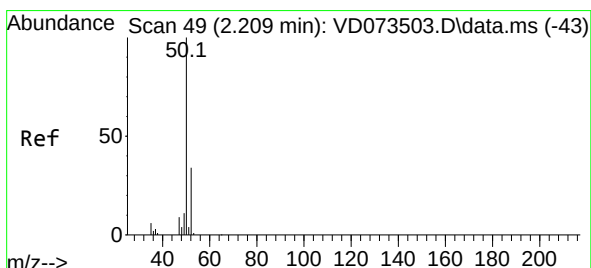
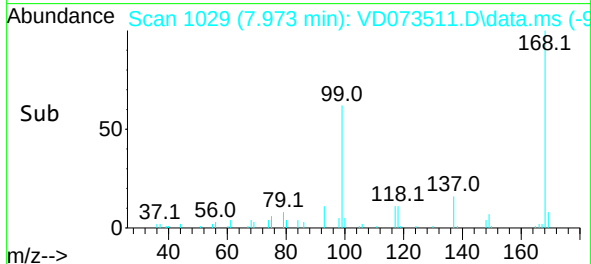
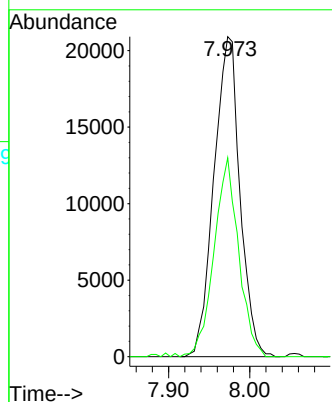
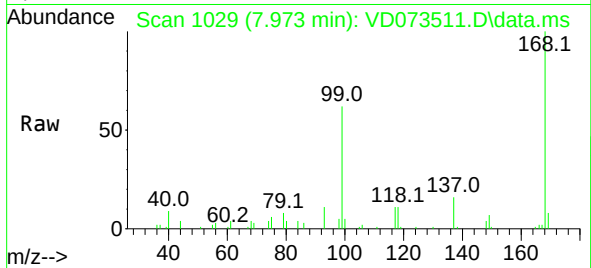




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

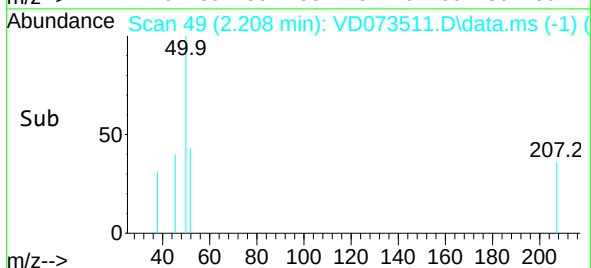
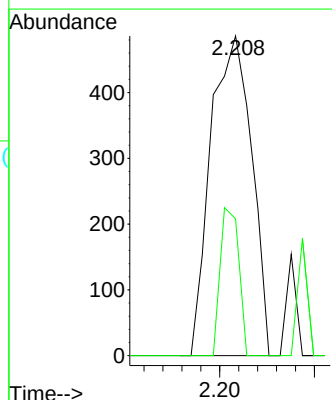
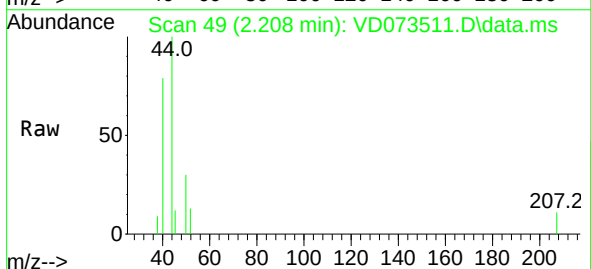
Instrument :
MSVOA_D
ClientSampleId :

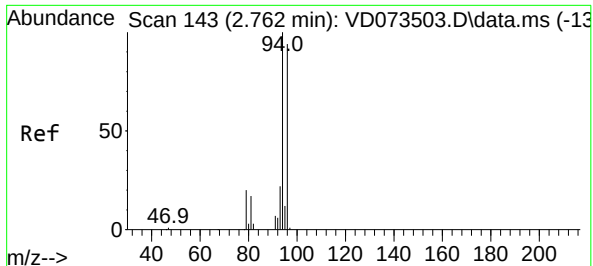
Tgt Ion:168 Resp: 46539
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#3
Chloromethane
Concen: 1.599 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 50 Resp: 728
Ion Ratio Lower Upper
50 100
52 42.8 27.4 41.0#

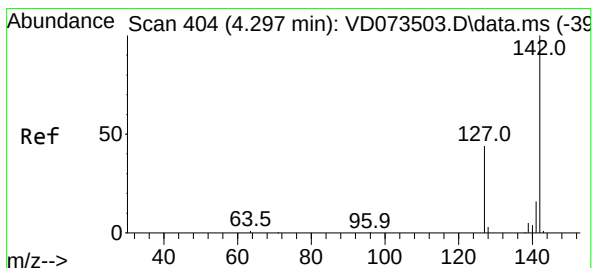
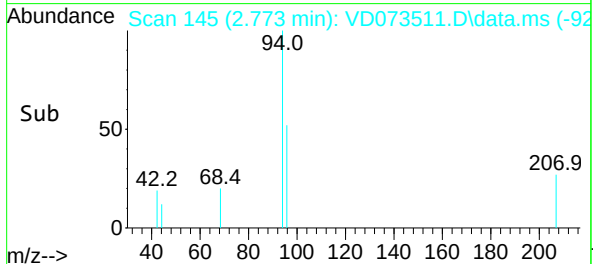
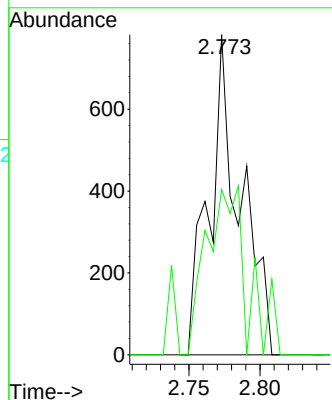
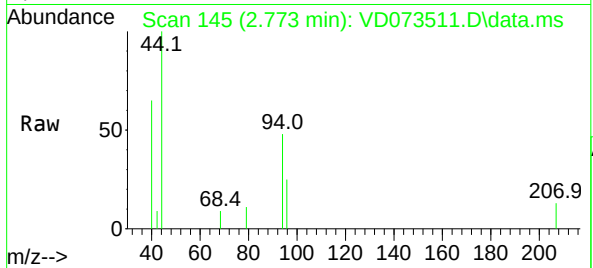




#5
Bromomethane
Concen: 3.886 ug/l
RT: 2.773 min Scan# 14
Delta R.T. 0.011 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

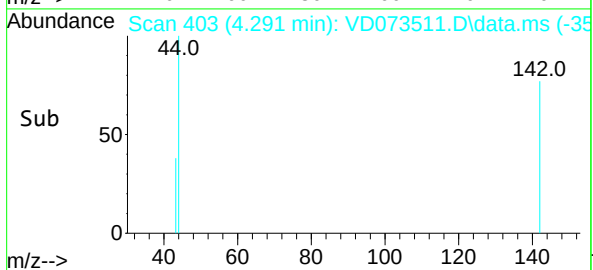
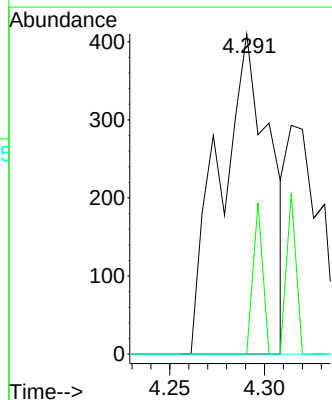
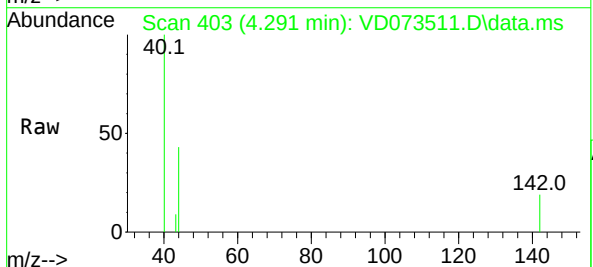
Instrument :
MSVOA_D
ClientSampleId :

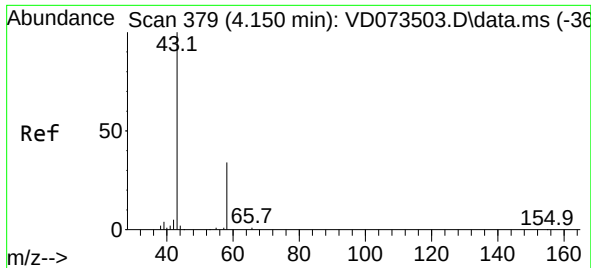
Tgt Ion: 94 Resp: 1189
Ion Ratio Lower Upper
94 100
96 51.7 77.6 116.4#



#10
Methyl Iodide
Concen: 5.386 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion:142 Resp: 760
Ion Ratio Lower Upper
142 100
127 8.9 37.3 55.9#
141 0.0 11.7 17.5#

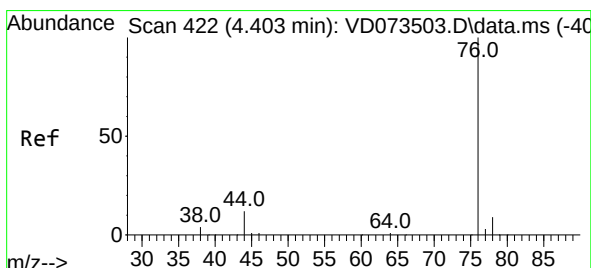
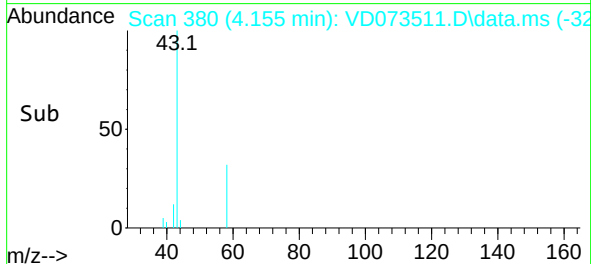
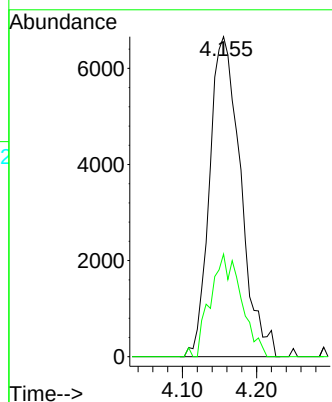
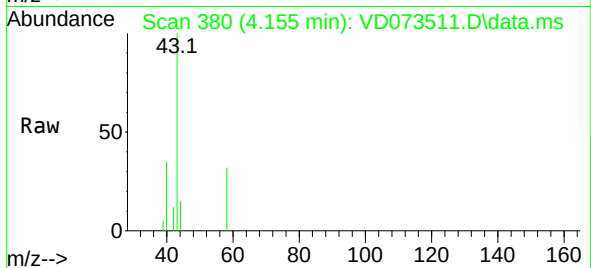




#16
Acetone
Concen: 219.498 ug/l
RT: 4.155 min Scan# 379
Delta R.T. 0.005 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

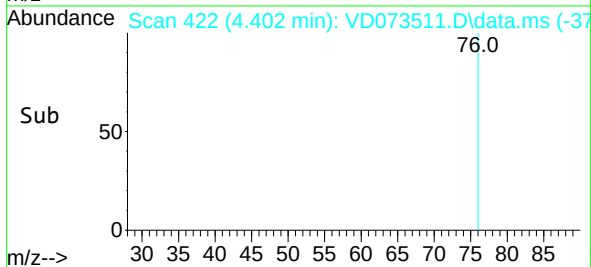
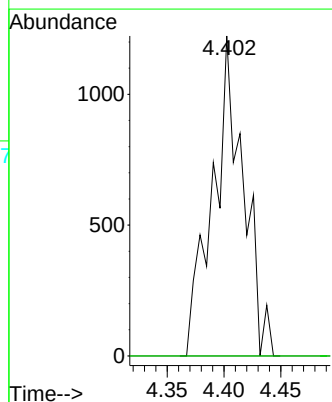
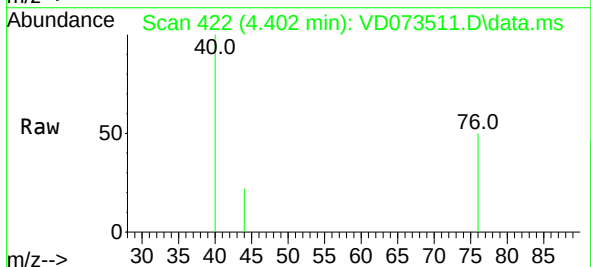
Instrument :
MSVOA_D
ClientSampleId :

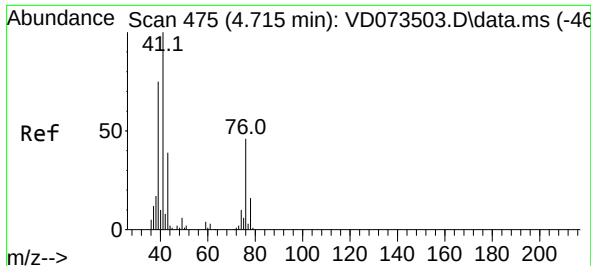
Tgt Ion: 43 Resp: 19302
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1



#17
Carbon Disulfide
Concen: 1.589 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.001 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

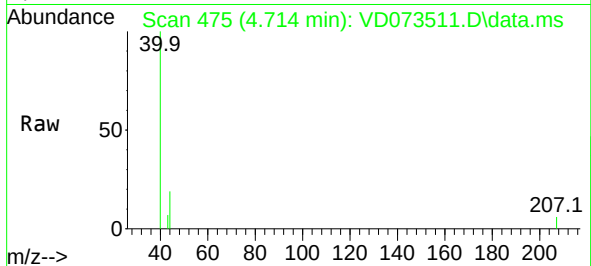
Tgt Ion: 76 Resp: 2287
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



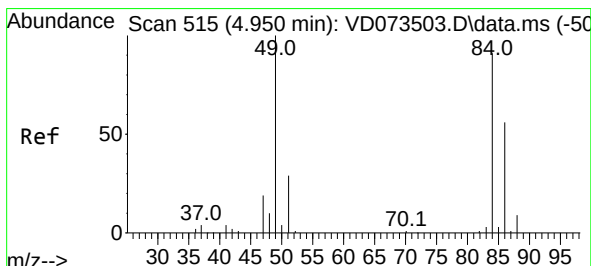
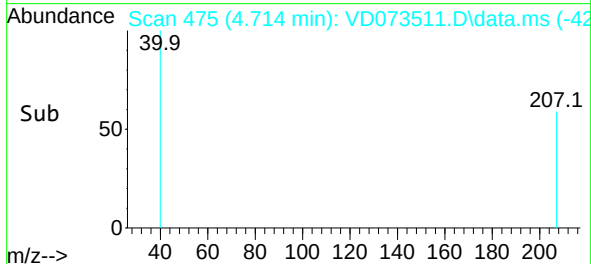
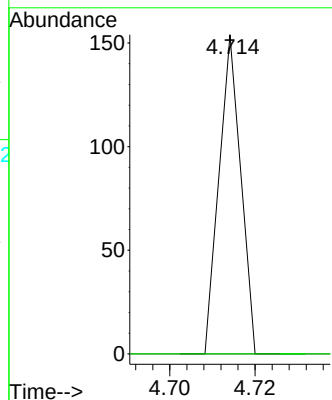


#18
Methyl Acetate
Concen: 1.581 ug/l
RT: 4.714 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :

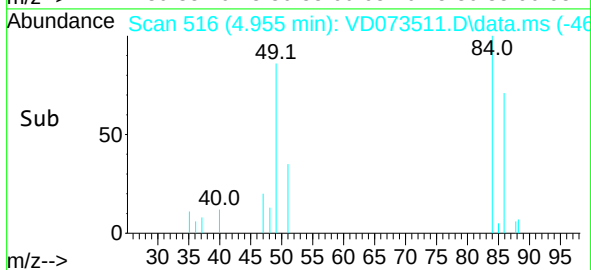
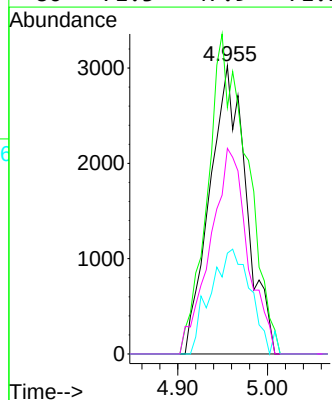
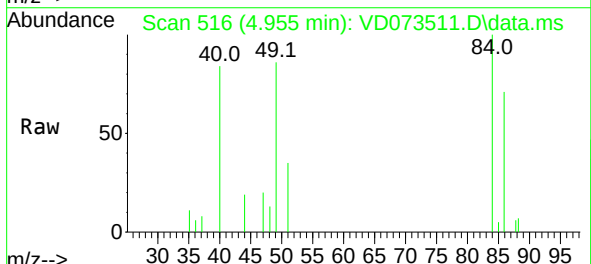


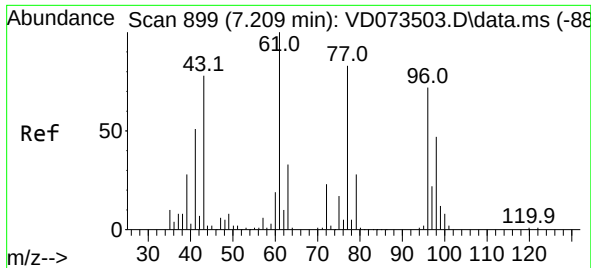
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 13.128 ug/l
RT: 4.955 min Scan# 516
Delta R.T. 0.005 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 84 Resp: 8561
Ion Ratio Lower Upper
84 100
49 85.6 112.8 169.2#
51 35.0 32.6 48.8
86 71.3 47.9 71.9

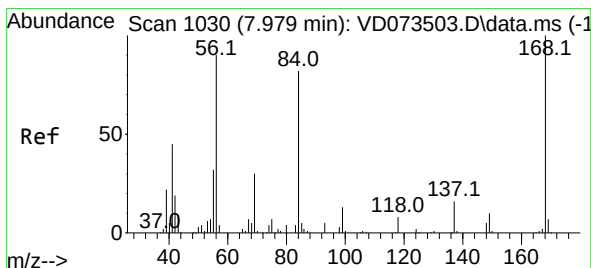
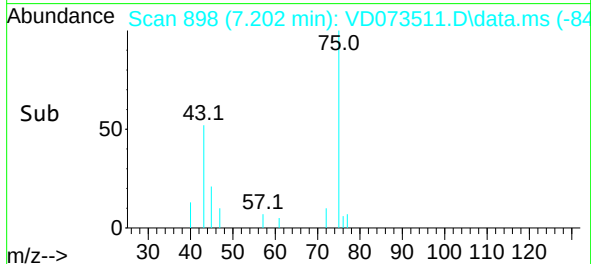
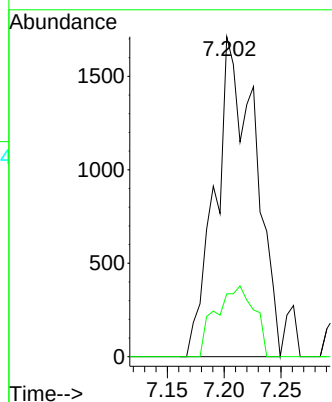
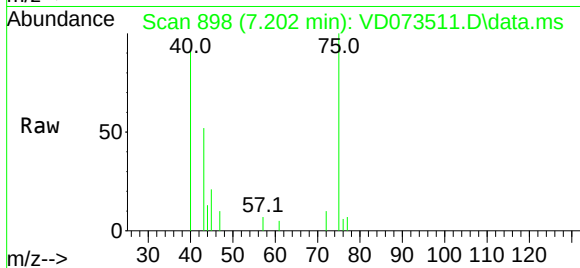




#25
2-Butanone
Concen: 32.344 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

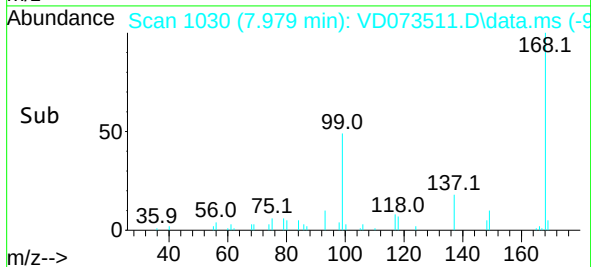
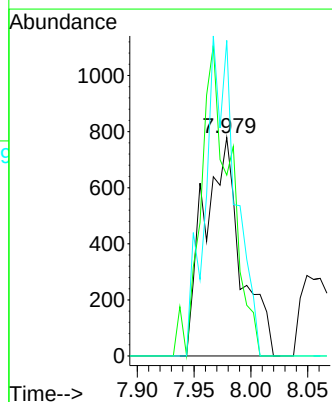
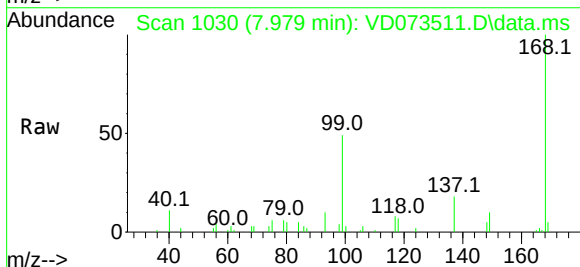
Instrument :
MSVOA_D
ClientSampleId :

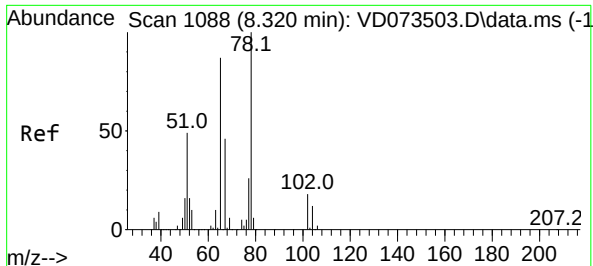
Tgt Ion: 43 Resp: 4185
Ion Ratio Lower Upper
43 100
72 19.7 18.6 27.8



#31
Cyclohexane
Concen: 2.085 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 56 Resp: 1754
Ion Ratio Lower Upper
56 100
69 82.8 25.4 38.2#
84 144.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 70.445 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073511.D

Acq: 09 Jun 2022 15:51

Instrument :

MSVOA_D

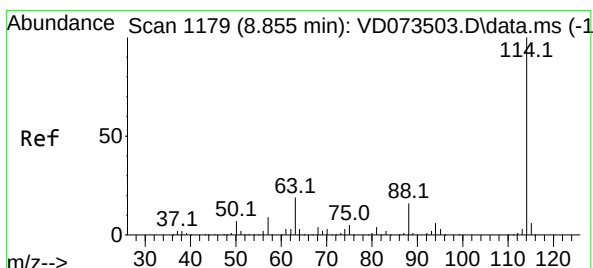
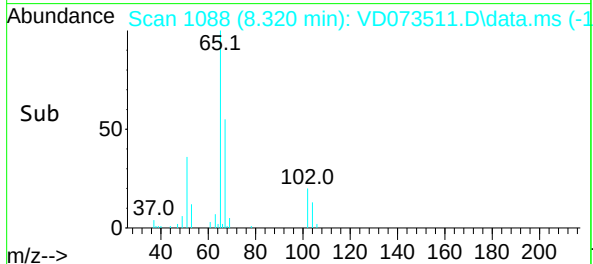
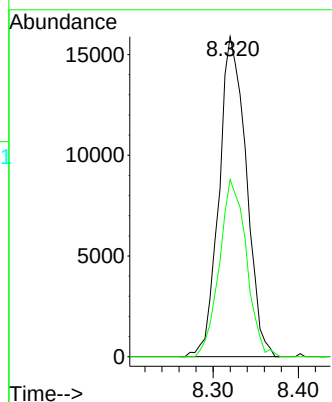
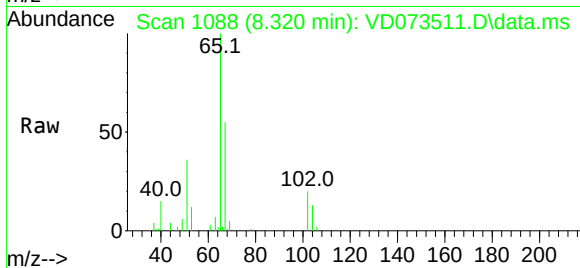
ClientSampleId :

Tgt Ion: 65 Resp: 35182

Ion Ratio Lower Upper

65 100

67 54.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073511.D

Acq: 09 Jun 2022 15:51

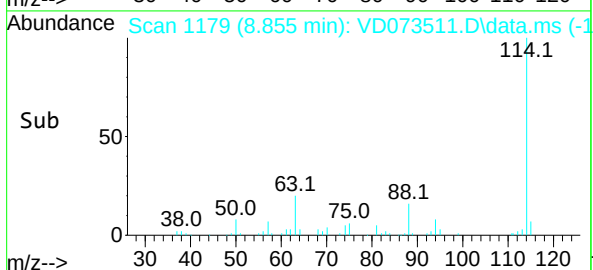
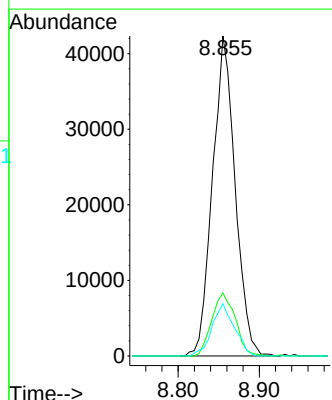
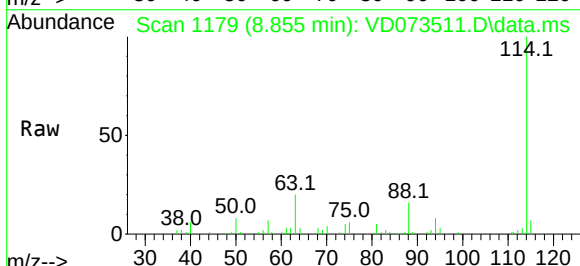
Tgt Ion: 114 Resp: 82026

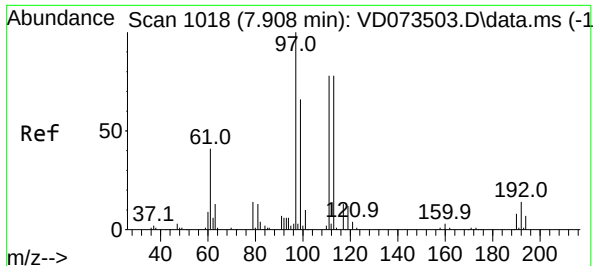
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

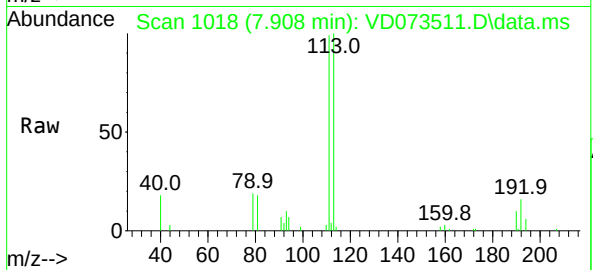
88 16.4 0.0 33.2



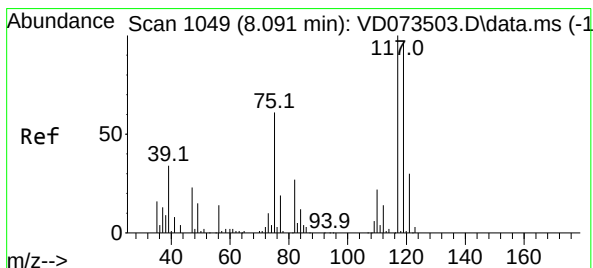
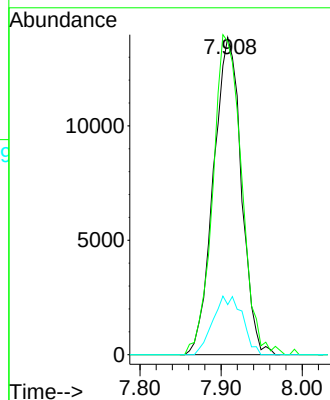
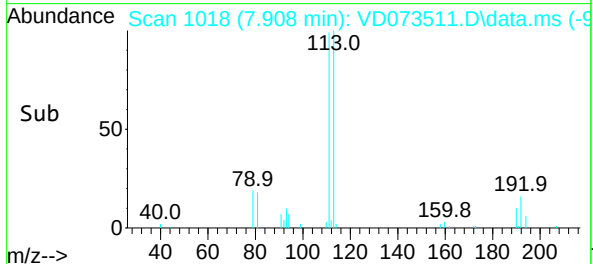


#35
Dibromofluoromethane
Concen: 62.714 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :

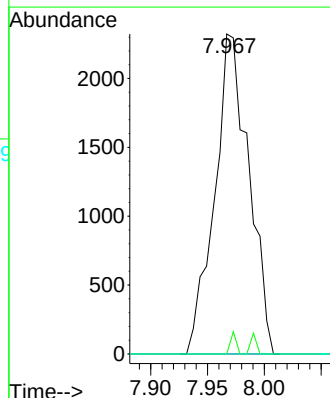
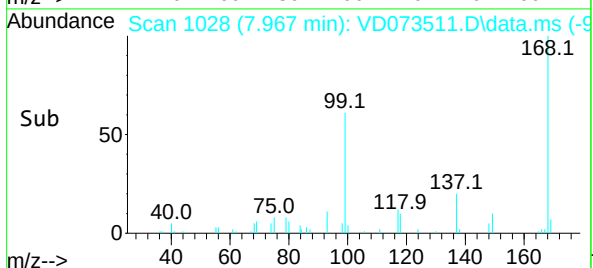
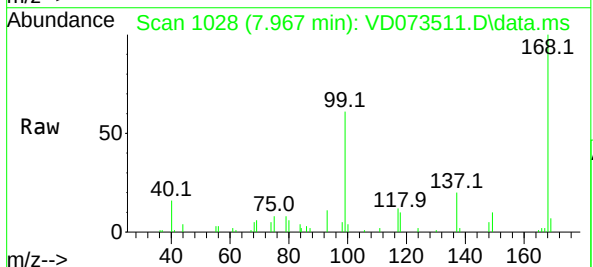


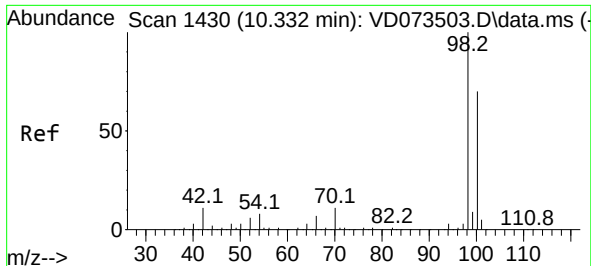
Tgt Ion:113 Resp: 33079
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 19.5 14.6 21.8



#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion:117 Resp: 4868
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#

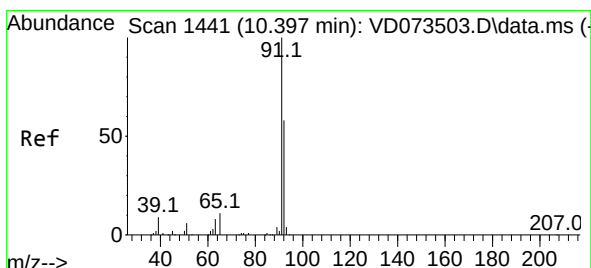
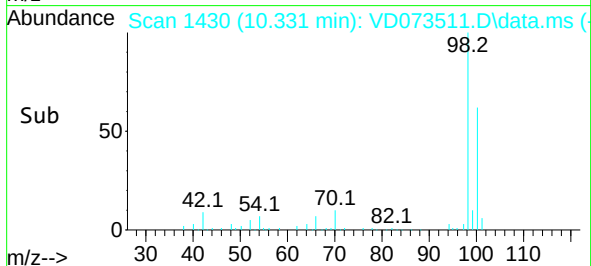
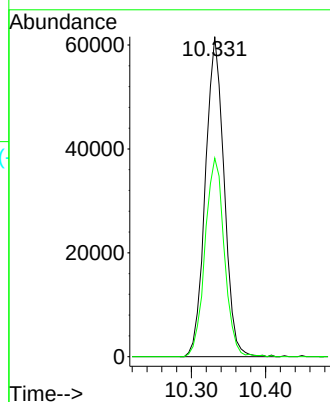
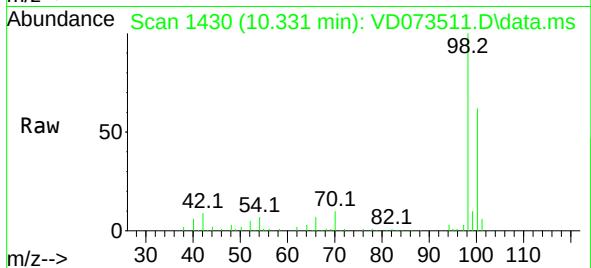




#50
Toluene-d8
Concen: 54.131 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

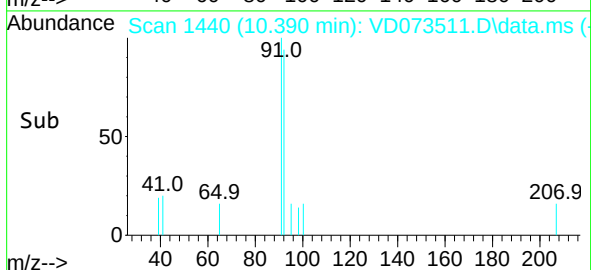
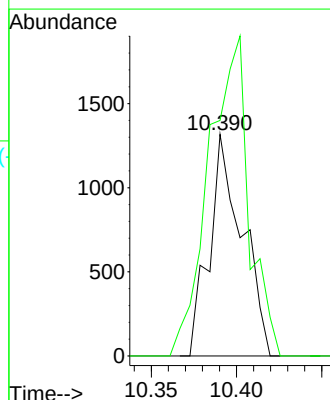
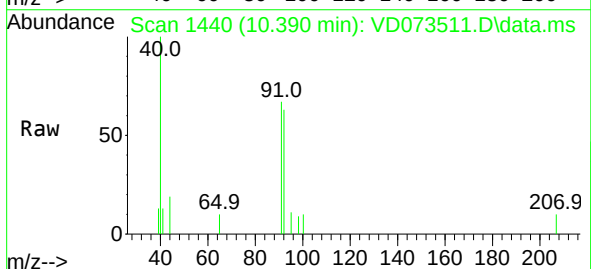
Instrument :
MSVOA_D
ClientSampleId :

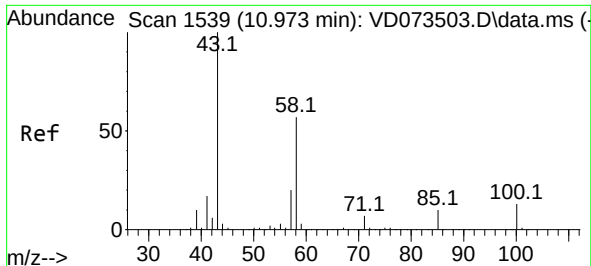
Tgt Ion: 98 Resp: 107952
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6



#52
Toluene
Concen: 1.200 ug/l
RT: 10.390 min Scan# 1440
Delta R.T. -0.007 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 92 Resp: 1773
Ion Ratio Lower Upper
92 100
91 175.3 139.6 209.4

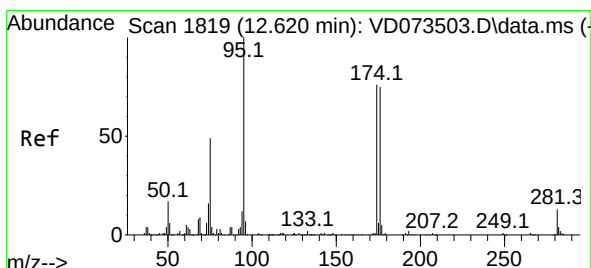
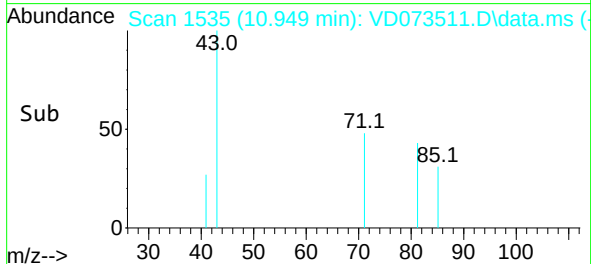
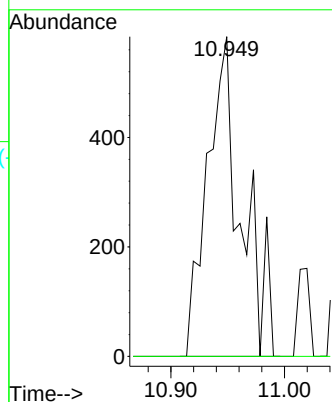
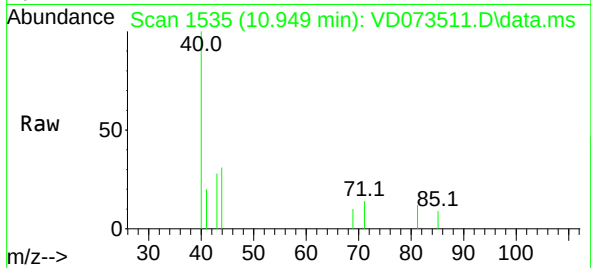




#59
2-Hexanone
Concen: 5.676 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

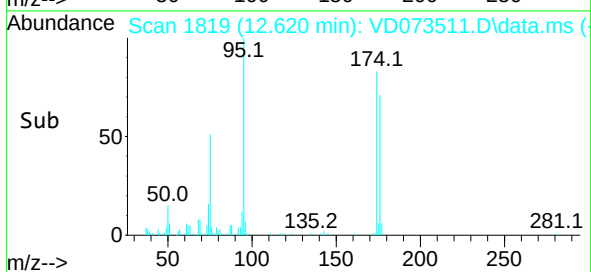
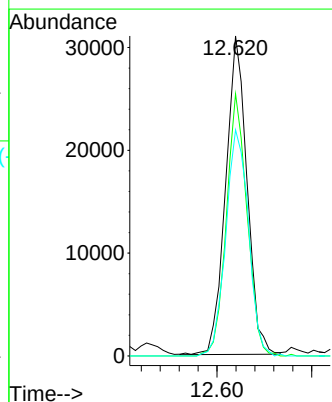
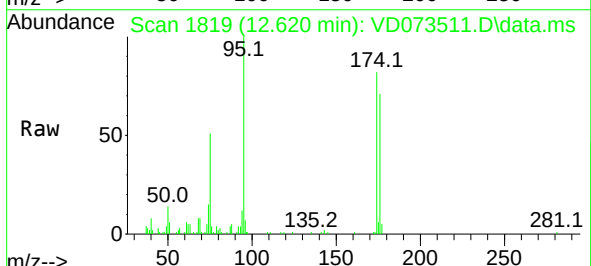
Instrument :
MSVOA_D
ClientSampleId :

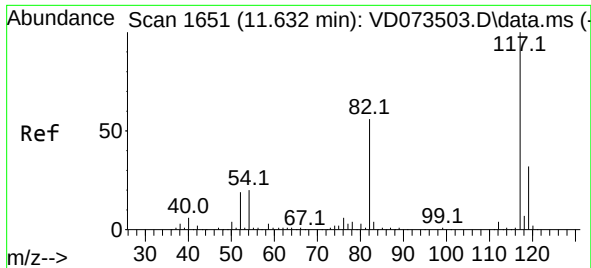
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 66.874 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 95 Resp: 48415
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 75.4 0.0 145.4

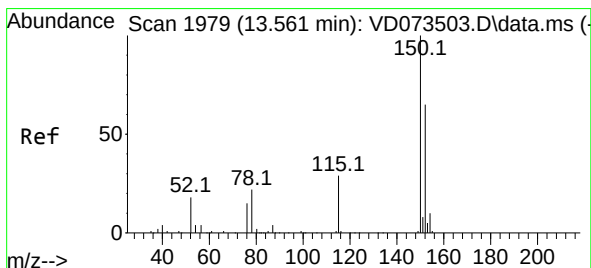
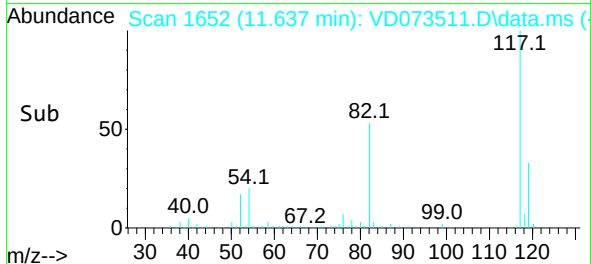
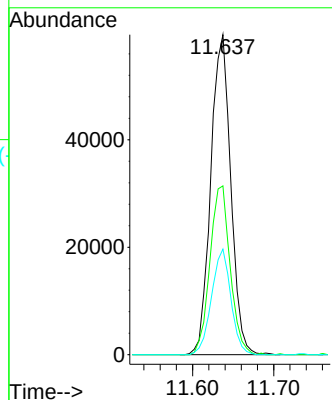
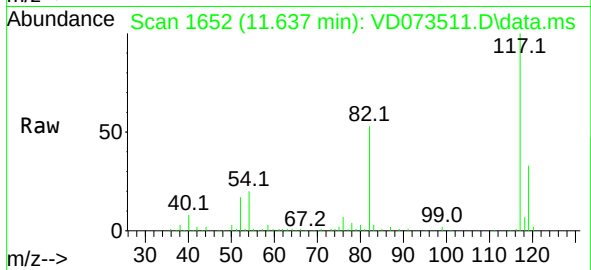




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

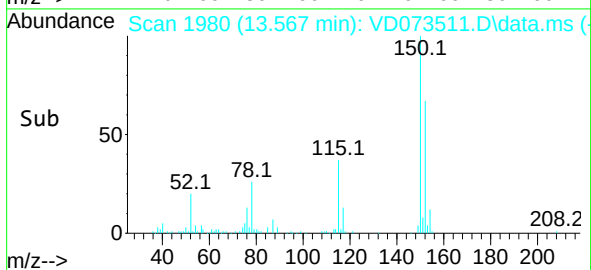
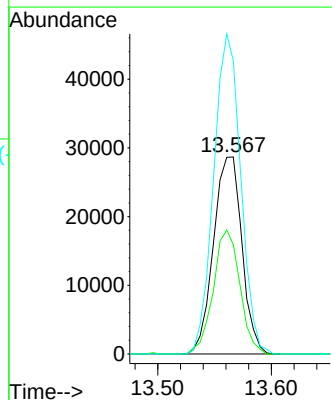
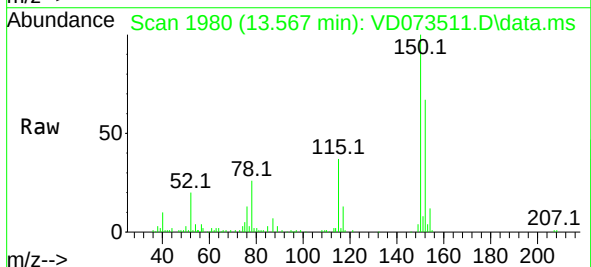
Instrument :
MSVOA_D
ClientSampleId :

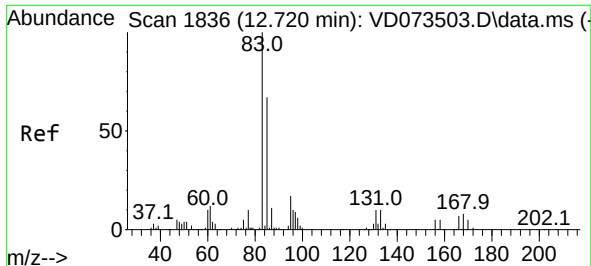
Tgt Ion:117 Resp: 101813
Ion Ratio Lower Upper
117 100
82 52.8 45.3 67.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion:152 Resp: 49851
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 154.4 0.0 348.6

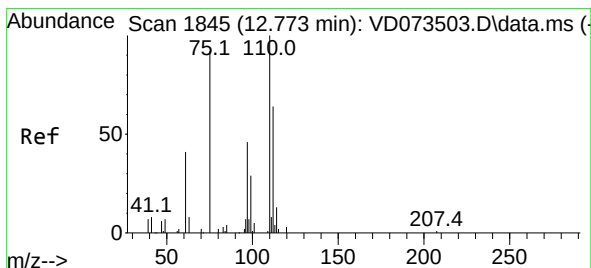
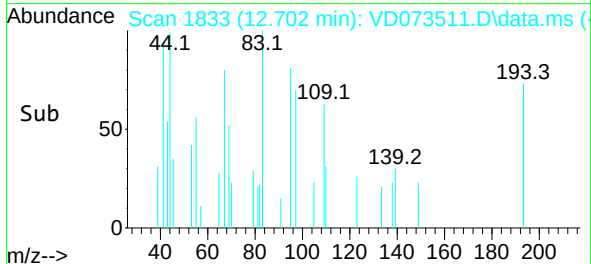
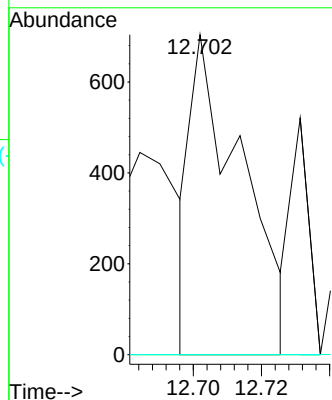
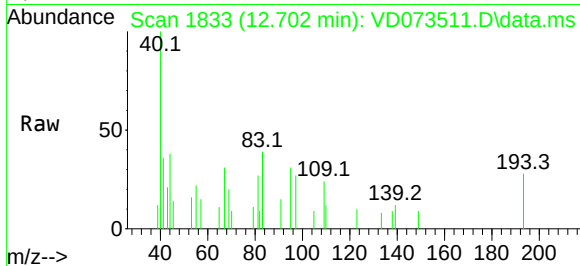




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.111 ug/l
 RT: 12.702 min Scan# 1833
 Delta R.T. -0.018 min
 Lab File: VD073511.D
 Acq: 09 Jun 2022 15:51

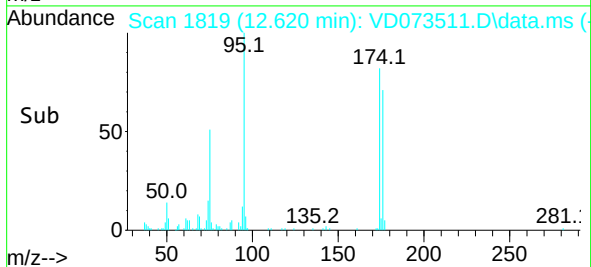
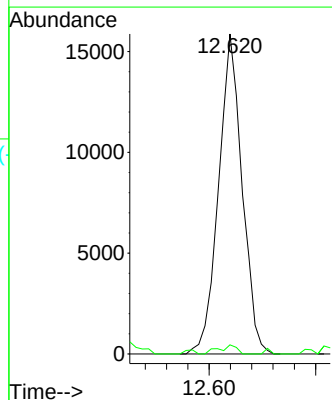
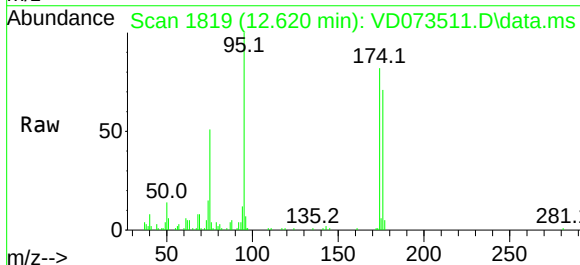
Instrument :
 MSVOA_D
 ClientSampleId :

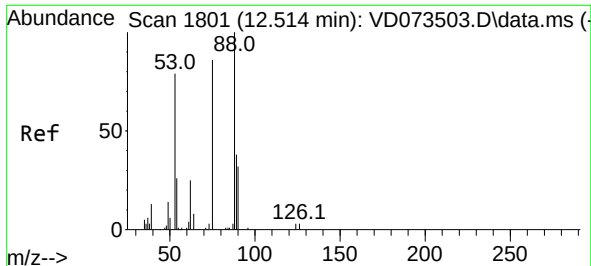
Tgt Ion: 83 Resp: 729
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 32.6 98.0#



#76
 1,2,3-Trichloropropane
 Concen: 50.157 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073511.D
 Acq: 09 Jun 2022 15:51

Tgt Ion: 75 Resp: 24290
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#

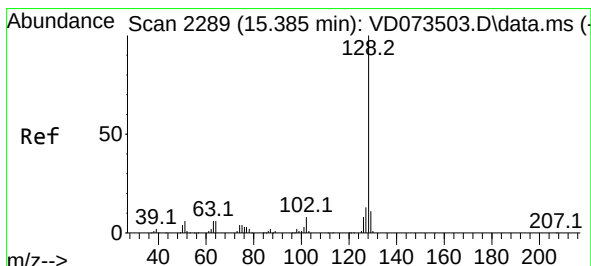
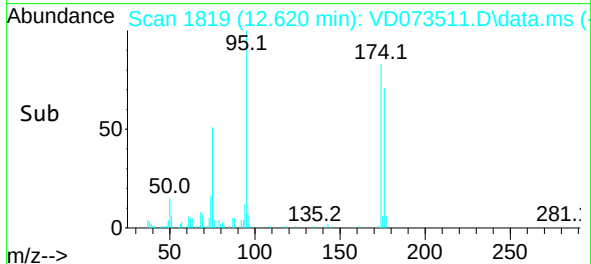
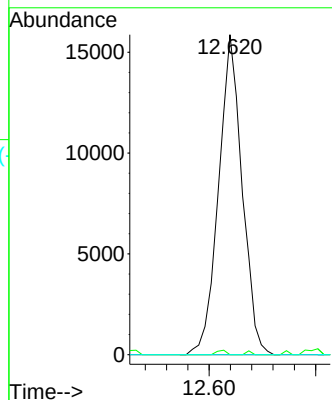
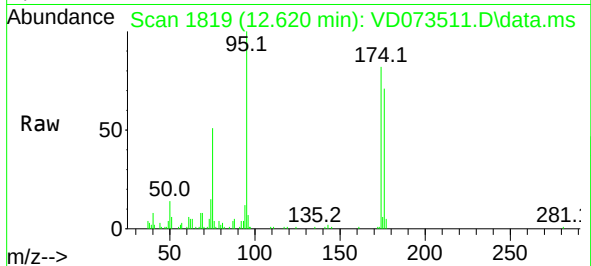




#81
trans-1,4-Dichloro-2-butene
Concen: 117.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 24290
Ion Ratio Lower Upper
75 100
53 0.6 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.521 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073511.D
Acq: 09 Jun 2022 15:51

Tgt Ion: 128 Resp: 623
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 28.3 8.4 12.6#

